

INTERNATIONAL SEARCH REPORT

Inventor's Application No
PCT/DK2004/000186

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K31/381 A61K31/27 C07C271/28 C07D333/02 C07D213/02
A61P25/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, PAJ, WPI Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE CHEMABS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; NOMURA, KIMIATSU ET AL: "Heat-developable diazot recording material" XP002290304 retrieved from STN Database accession no. 2001:194676 see RN 329911-95-7 and RN 329911-96-8 abstract & JP 2001 071637 A2 (FUJI PHOTO FILM CO., LTD., JAPAN) 21 March 2001 (2001-03-21)	1,2,4-6, 9,11,12, 18
X	WO 01/07020 A (BOEHRINGER INGELHEIM PHARMA) 1 February 2001 (2001-02-01) page 81; claims; example 92 -/-	1,2,4,6, 9,11,12, 19,21

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

29 July 2004

Date of mailing of the international search report

10/08/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	JP 2004 075648 A (FUJI PHOTO FILM CO LTD) 11 March 2004 (2004-03-11) page 14; examples 5-a	1,2,4-6, 9,11,12, 18
X	JP 02 196769 A (HISAMITSU PHARMACEUT CO INC) 3 August 1990 (1990-08-03) page 624; examples 9,10; table 2 & PATENT ABSTRACTS OF JAPAN vol. 0144, no. 75 (C-0770), 17 October 1990 (1990-10-17) & JP 2 196769 A (HISAMITSU PHARMACEUT CO INC), 3 August 1990 (1990-08-03) abstract	1,2,4-6, 9,12,18, 29
X	WO 92/13828 A (YAMANOUCHI PHARMA CO LTD) 20 August 1992 (1992-08-20) page 168 - page 169; examples 51,53,55,56	1-3,6,9, 11,12, 18,25
X	US 6 498 275 B1 (BLOCK MICHAEL H ET AL) 24 December 2002 (2002-12-24) column 111; examples 391-393	1-3,6,9, 11,12,29
X	EP 1 264 820 A (FUJISAWA PHARMACEUTICAL CO) 11 December 2002 (2002-12-11) page 66; example 92 page 14, line 35 - line 40	1-3,6,9, 31-36
A	WO 02/49628 A (WYETH CORP) 27 June 2002 (2002-06-27) the whole document	1,30-36
A	MAIN M J ET AL: "MODULATION OF KCNQ2/3 POTASSIUM CHANNELS BY THE NOVEL ANTICONVULSANT RETIGABINE" MOLECULAR PHARMACOLOGY, BALTIMORE, MD, US, vol. 58, no. 2, August 2000 (2000-08), pages 253-262, XP000972245 ISSN: 0026-895X the whole document	1,30-36

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 1-3, 6-27 (partly), 30-36
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 30-36 are directed to a method of treatment of the human body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☒ Claims Nos.: 1-3, 6-27 (all partly)
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Although claims 30-36 are directed to a method of treatment of the human body, the search has been carried out and based on the alleged effects of the compound/composition.

Continuation of Box II.1

Claims Nos.: 1-3, 6-27 (partly), 30-36

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy

Continuation of Box II.2

Claims Nos.: 1-3 ,6-27 (all partly)

The initial phase of the search revealed a very large number of documents relevant to the issue of novelty. So many documents were retrieved that it is impossible to determine which parts of the claim(s) may be said to define subject-matter for which protection might legitimately be sought (Article 6 PCT). For these reasons, a meaningful search over the whole breadth of the claim(s) is impossible. The main reason for this overflow was found to be due to the possibility of no substitution in ortho position of the benzamide ring (namely when $s=0$ and $R_2=H$). However, support within the meaning of Article 6 PCT and disclosure within the meaning of Article 5 PCT is for this possibility nowhere to be found in the description. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Consequently, the search has been carried out for those parts of the claims which appear to be supported and disclosed, namely those parts relating to the compounds where there is a substitution in ortho of the benzamide ring.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

overcome.

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Information on patent family members

International Application No
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